

CLAIMS

What is claimed is:

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1 A garment blank subassembly having a front body portion, a back body portion, and a crotch intermediate of and extending from the front body portion to the back body portion and between a pair of leg openings in a garment to be assembled from the garment blank subassembly, the front body portion having first and second front leg edge portions along the leg openings, a front end opposite the first and second front leg edge portions and first and second front sides, the back body portion having first and second back leg edge portions along the leg openings, a back end opposite the first and second back sides, the crotch having first and second crotch edge portions on opposing sides thereof along the leg openings, the garment blank subassembly having a length extending between the front and back ends, width extending between the first and second sides and a longitudinal centerline between the first and second front and back sides, each of the first and second back leg edge portions having an angular portion extending generally along a line forming an acute angle with the longitudinal centerline, the garment blank subassembly, when laid out flat, comprising:

(a) a first layer, extending from the first end through the crotch to the second end;

(b) a first elastic attached to the first layer, and extending from a first locus adjacent the first back side, as a first section of the first elastic, along the width of the garment blank subassembly, toward the front end at an acute angle with the longitudinal centerline and generally following the first back leg edge portion toward the crotch, as a second section of the first elastic across the crotch, and as a third section of the first elastic away from the first end at an acute angle with the longitudinal centerline and generally following the second back leg edge portion, to a second locus adjacent the second back side, the second section of the first elastic

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being substantially relaxed when the garment blank subassembly is laid out flat.

2. A garment blank subassembly as in Claim 1, the first and third sections of the first elastic being stretched when the garment blank subassembly is laid out flat.

3. 3. A garment blank subassembly as in Claim 2, including a second elastic extending from a third locus adjacent the first front side, as a first section of the second elastic, along the width of the garment blank subassembly and generally following the first front leg edge

5 toward the crotch at an angle essentially perpendicular to longitudinal centerline, as a second section of second elastic across the crotch, and as a third section of the second elastic along and generally following the second front leg edge portion at an angle essentially perpendicular to longitudinal centerline to a fourth locus adjacent the 10 second front side, the second section of the second elastic being substantially relaxed when the garment blank subassembly is laid out flat.

3. 4. A garment blank subassembly as in Claim 2, the first and third sections of the second elastic being stretched when the garment blank subassembly is laid out flat.

4. 5. A garment blank subassembly as in Claim 4, comprising additionally a second layer, the first and third sections of the first elastic being attached to at least one of the first and second layers.

5. 6. A garment blank subassembly as in Claim 5, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

6. 7. A garment blank subassembly as in Claim 6, the second section of the first elastic being disposed in the unsecured space.

7. 8. A garment blank subassembly as in Claim 7, including a third

elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

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9. A garment blank subassembly as in Claim 8, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

10. A garment blank subassembly as in Claim 8,

(a) the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions

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(b) the first and third sections of the second elastic comprises additionally second arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the second elastic extends across the crotch between the second ends of the second arcuate portions.

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11. A garment blank subassembly as in Claim 10, the second sections of the first and second elastic being severed in at least one location.

12. A garment blank subassembly as in Claim 2, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

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~~13. A garment blank subassembly as in Claim 12, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.~~

~~14. A garment blank subassembly as in Claim 13, the first and third sections of the first elastic comprises additionally arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.~~

~~15. A garment blank subassembly as in Claim 14, the second section of the first elastic being severed in at least one location.~~

~~16. A garment blank subassembly as in Claim 1, including a second elastic extending from a third locus adjacent the first front side, as a first section of the second elastic, along the width of the garment blank subassembly and generally following the first front leg edge toward the crotch, as a second section of second elastic across the crotch, and as a third section of the second elastic along and generally following the second front leg edge portion to a fourth locus adjacent the second front side.~~

~~17. A garment blank subassembly as in Claim 16, and including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.~~

~~18. A garment blank subassembly as in Claim 17, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.~~

~~19. A garment blank subassembly as in Claim 18,~~
~~(a) the first and third sections of the first elastic~~

5 comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions

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15 (b) the first and third sections of the second elastic comprises additionally second arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the second elastic extends across the crotch between the second ends of the second arcuate portions.

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20. A garment blank subassembly as in Claim 19, the second sections of the first and second elastics being severed in at least one location.

21. A garment blank subassembly as in Claim 2, comprising additionally a second layer, the first and third sections of the first elastic being attached to at least one of the first and second layers.

22. A garment blank subassembly as in Claim 21, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

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23. A garment blank subassembly as in Claim 22, the second section of the first elastic being disposed in the unsecured space.

24. A garment blank subassembly as in Claim 23, wherein the second section of the first elastic being attached to at least one of the first and second layers.

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25. A garment blank subassembly as in Claim 24, and including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

26. A garment blank subassembly as in Claim 25, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

27. A garment blank subassembly as in Claim 26, the first and third sections of the first elastic comprises additionally arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

28. A garment blank subassembly as in Claim 27, the second section of the first elastic being severed in at least one location.

29. A garment blank subassembly as in Claim 1, and including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

30. A garment blank subassembly as in Claim 29, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

31. A garment blank subassembly as in Claim 30, the first and third sections of the first elastic comprises additionally arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first

~~elastic extends across the crotch between the second ends of the first arcuate portions.~~

32. A garment blank subassembly as in Claim 31, the second section of the first elastic being severed in at least one location.

33. A garment blank subassembly as in Claim 1, the first and third sections of the first elastic comprises additionally arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the 5 respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

34. A garment blank subassembly as in Claim 33, the second section of the first elastic being severed in at least one location.

35. A garment blank subassembly as in Claim 2, the first and third sections of the first elastic comprises additionally arcuate portions, each arcuate portion having a first end connecting at the end of the respective first angular portion and a second end connecting the 5 respective back leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

36. A garment blank subassembly as in Claim 35, the second section of the first elastic being severed in at least one location.

37. A garment blank subassembly as in Claim 1, the second section of the first elastic being severed in at least one location.

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5 38. A garment blank subassembly having a front body portion, a back body portion, and a crotch intermediate of and extending from the front body portion to the back body portion and between a pair of leg openings in a garment to be assembled from the garment blank subassembly, the front body portion having first and second front leg

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edge portions along the leg openings, a front end opposite the first and second front leg edge portions and first and second front sides, the back body portion having first and second back leg edge portions along the leg openings, a back end opposite the first and second back leg edge portions and first and second back sides, the crotch having first and second crotch edge portions on opposing sides thereof along the leg openings, the garment blank subassembly having a length extending between the front and back ends, width extending between the first and second sides and a longitudinal centerline between the first and second front and back sides, each of the first and second back leg edge portions having an angular portion extending generally along a line forming an acute angle with the longitudinal centerline, the garment blank subassembly, when laid out flat, comprising:

(a) a first layer, extending from the first end through the crotch to the second end;

(b) a first elastic extending from a first locus adjacent the first front side, as a first section of the first elastic, along the width of the garment blank subassembly and generally following the first front leg edge toward the crotch at an angle essentially perpendicular to longitudinal centerline, as a second section of first elastic across the crotch, and as a third section of the first elastic along and generally following the second front leg edge portion at an angle essentially perpendicular to longitudinal centerline to a second locus adjacent the second front side.

39. A garment blank subassembly as in Claim 38, the first and third sections of the first elastic being stretched when the garment blank subassembly is laid out flat, the second section of the first elastic being substantially relaxed when the garment blank subassembly is laid out flat.

19 40. A garment blank subassembly as in Claim 39, comprising additionally a second layer, the first and third sections of the first elastic being attached to at least one of the first and second layers.

~~18~~ 41. A garment blank subassembly as in Claim ~~40~~¹⁷, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

~~19~~ 42. A garment blank subassembly as in Claim ~~41~~¹⁸, the second section of the first elastic being disposed in the unsecured space.

~~20~~ 43. A garment blank subassembly as in Claim ~~42~~¹⁹, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

~~21~~ 44. A garment blank subassembly as in Claim ~~43~~²⁰, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

~~22~~ 45. A garment blank subassembly as in Claim ~~44~~²¹, the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

~~23~~ 46. A garment blank subassembly as in Claim ~~45~~²², the second section of the first elastic being severed in at least one location.

~~47~~ 47. A garment blank subassembly as in Claim 39, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

48. A garment blank subassembly as in Claim 47, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

49. A garment blank subassembly as in Claim 48, the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

50. A garment blank subassembly as in Claim 49, the second sections of the first and the second elastics being severed in at least one location.

51. A garment blank subassembly as in Claim 38, comprising additionally a second layer, the first and third sections of the first elastic being attached to at least one of the first and second layers.

52. A garment blank subassembly as in Claim 51, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

53. A garment blank subassembly as in Claim 52, the second section of the first elastic being disposed in the unsecured space.

54. A garment blank subassembly as in Claim 53, wherein the second section of the first elastic being attached to at least one of the first and second layers.

55. A garment blank subassembly as in Claim 54, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge

5 portion.

56. A garment blank subassembly as in Claim 55, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

57. A garment blank subassembly as in Claim 56, the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

58. A garment blank subassembly as in Claim 57, the second section of the first elastic being severed in at least one location.

59. A garment blank subassembly as in Claim 38, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

60. A garment blank subassembly as in Claim 59, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

61. A garment blank subassembly as in Claim 60, the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

62. A garment blank subassembly as in Claim 61, the second section of

the first elastic being severed in at least one location.

~~24~~ 63. A garment blank subassembly as in Claim 38, the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

~~25~~ 64. A garment blank subassembly as in Claim 63, the second section of the first elastic being severed in at least one location.

5 65. A garment blank subassembly as in Claim 39, the first and third sections of the first elastic comprises additionally first arcuate portions, each arcuate portion having a first end connecting at the end of the respective first essentially perpendicular portion and a second end connecting the respective front leg edge portion to the respective first and second crotch edge portions, and wherein the second section of the first elastic extends across the crotch between the second ends of the first arcuate portions.

66. A garment blank subassembly as in Claim 65, the second section of the first elastic being severed in at least one location.

~~26~~ 67. A garment blank subassembly as in Claim 38, the second section of the first elastic being severed in at least one location.

5 68. A garment blank subassembly having a front body portion, a back body portion, and a crotch intermediate of and extending from the front body portion to the back body portion and between a pair of leg openings in a garment to be assembled from the garment blank subassembly, the front body portion having first and second front leg edge portions along the leg openings, a front end opposite the first and second front leg edge portions and first and second front sides, the back body portion having first and second back leg edge portions along the leg openings, a back end opposite the first and second back

10 leg edge portions and first and second back sides, the crotch having
first and second crotch edge portions on opposing sides thereof along
the leg openings, the garment blank subassembly having a length
extending between the front and back ends, width extending between the
15 first and second sides and a longitudinal centerline between the first
and second front and back sides, each of the first and second back leg
edge portions having an angular portion extending generally along a
line forming an acute angle with the longitudinal centerline, the
garment blank subassembly, when laid out flat, comprising:

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20 (a) a first layer, extending from the first end through the
crotch to the second end;

25 (b) a first elastic attached to the first layer, and extending
from a first locus adjacent the first back side, as a
first section of the first elastic, along the width of the
garment blank subassembly, toward the front end at an
acute angle with the longitudinal centerline and generally
following the first back leg edge portion toward the
crotch, as a second section of the first elastic across
the crotch, and as a third section of the first elastic
along and generally following the second front leg edge
portion at an angle essentially perpendicular to
30 longitudinal centerline to a second locus adjacent the
second front side, the second section of the first elastic
being substantially relaxed when the garment blank
subassembly is laid out flat

35 (c) a second elastic extending from a third locus adjacent the
first front side, as a first section of the second
elastic, along the width of the garment blank subassembly
and generally following the first front leg edge toward
the crotch at an angle essentially perpendicular to
40 longitudinal centerline, as a second section of second
elastic across the crotch, and as a third section of the
second elastic away from the first end at an acute angle
with the longitudinal centerline and generally following
the second back leg edge portion, to a fourth locus

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adjacent the second back side, the second section of the second elastic being substantially relaxed when the garment blank subassembly is laid out flat.

69. A garment blank subassembly as in Claim 68, the first and third sections of the first elastic and the first and third sections of the second elastic being stretched when the garment blank subassembly is laid out flat.

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70. A garment blank subassembly as in Claim 69, comprising additionally a second layer, the first and third sections of the first elastic being attached to at least one of the first and second layers.

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71. A garment blank subassembly as in Claim 70, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

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72. A garment blank subassembly as in Claim 71, the second section of the first elastic being disposed in the unsecured space.

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73. A garment blank subassembly as in Claim 72, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

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74. A garment blank subassembly as in Claim 73, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

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75. A garment blank subassembly as in Claim 74,
(a) the first section of the first elastic comprising additionally a first arcuate portion having a first end connecting at the end of the first angular portion and a second end connecting the back leg edge portion to the first crotch edge portion

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(b) the third section of the first elastic comprising additionally a second arcuate portion having a first end connecting at the end of the second essentially perpendicular angle portion and a second end connecting the front leg edge portion to the second crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the first arcuate portion and the second end of the second arcuate portion;

(c) the first section of the second elastic comprising additionally a third arcuate portion having a first end connecting at the end of the second angular portion and a second end connecting the back leg edge portion to the second crotch edge portion

(d) the third section of the second elastic comprising additionally a fourth arcuate portion having a first end connecting at the end of the first essentially perpendicular angle portion and a second end connecting the front leg edge portion to the first crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the third arcuate portion and the second end of the fourth arcuate portion.

~~34~~ 36. A garment blank subassembly as in Claim ~~75~~, the second sections of the first and second elastics being severed in at least one location.

~~35~~ 37. A garment blank subassembly as in Claim 36, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

~~38~~ 38. A garment blank subassembly as in Claim ~~71~~, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

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79. A garment blank subassembly as in Claim 78,

(a) the first section of the first elastic comprising additionally a first arcuate portion having a first end connecting at the end of the first angular portion and a second end connecting the back leg edge portion to the first crotch edge portion

(b) the third section of the first elastic comprising additionally a second arcuate portion having a first end connecting at the end of the second essentially perpendicular angle portion and a second end connecting the front leg edge portion to the second crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the first arcuate portion and the second end of the second arcuate portion;

(c) the first section of the second elastic comprising additionally a third arcuate portion having a first end connecting at the end of the second angular portion and a second end connecting the back leg edge portion to the second crotch edge portion

(d) the third section of the second elastic comprising additionally a fourth arcuate portion having a first end connecting at the end of the first essentially perpendicular angle portion and a second end connecting the front leg edge portion to the first crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the third arcuate portion and the second end of the fourth arcuate portion.

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80. A garment blank subassembly as in Claim 79, the second sections of the first and the second elastics being severed in at least one location.

81. A garment blank subassembly as in Claim 68, comprising

additionally a second layer, the first and third sections of the first elastic being attached to at least one of the first and second layers.

82. A garment blank subassembly as in Claim 81, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

5 83. A garment blank subassembly as in Claim 82, the second sections of the first and second elastics being disposed in the unsecured space.

A 37 84. A garment blank subassembly as in Claim 83, the second section of the first elastic being attached to at least one of the first and second layers and wherein the second section of the second elastic being attached to at least one of the first and second layers.

85. A garment blank subassembly as in Claim 84, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

5 86. A garment blank subassembly as in Claim 85, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

87. A garment blank subassembly as in Claim 86,

(a) the first section of the first elastic comprising additionally a first arcuate portion having a first end connecting at the end of the first angular portion and a second end connecting the back leg edge portion to the first crotch edge portion

(b) the third section of the first elastic comprising additionally a second arcuate portion having a first end connecting at the end of the second essentially perpendicular angle portion and a second end connecting

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the front leg edge portion to the second crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the first arcuate portion and the second end of the second arcuate portion;

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(c) the first section of the second elastic comprising additionally a third arcuate portion having a first end connecting at the end of the second angular portion and a second end connecting the back leg edge portion to the second crotch edge portion

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(d) the third section of the second elastic comprising additionally a fourth arcuate portion having a first end connecting at the end of the first essentially perpendicular angle portion and a second end connecting the front leg edge portion to the first crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the third arcuate portion and the second end of the fourth arcuate portion.

✓ 88. A garment blank subassembly as in Claim 87, the second sections of the first and second elastics being severed in at least one location.

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89. A garment blank subassembly as in Claim 88, including a third elastic attached to at least one of the first and second layers along the first crotch edge portion and a fourth elastic attached to at least one of the first and second layers along the second crotch edge portion.

90. A garment blank subassembly as in Claim 89, wherein the third and fourth elastics are stretched when the garment blank subassembly is laid out flat.

91. A garment blank subassembly as in Claim 90,

(a) the first section of the first elastic comprising additionally a first arcuate portion having a first end

5 connecting at the end of the first angular portion and a second end connecting the back leg edge portion to the first crotch edge portion

10 (b) the third section of the first elastic comprising additionally a second arcuate portion having a first end connecting at the end of the second essentially perpendicular angle portion and a second end connecting the front leg edge portion to the second crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the first arcuate portion and the second end of the second arcuate portion;

15 (c) the first section of the second elastic comprising additionally a third arcuate portion having a first end connecting at the end of the second angular portion and a second end connecting the back leg edge portion to the second crotch edge portion

20 (d) the third section of the second elastic comprising additionally a fourth arcuate portion having a first end connecting at the end of the first essentially perpendicular angle portion and a second end connecting the front leg edge portion to the first crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the third arcuate portion and the second end of the fourth arcuate portion.

25 92. A garment blank subassembly as in Claim 91, the second sections of the first and second elastics being severed in at least one location.

93. A garment blank subassembly as in Claim 68,

5 (a) the first section of the first elastic comprising additionally a first arcuate portion having a first end connecting at the end of the first angular portion and a second end connecting the back leg edge portion to the

first crotch edge portion

(b) the third section of the first elastic comprising additionally a second arcuate portion having a first end connecting at the end of the second essentially perpendicular angle portion and a second end connecting the front leg edge portion to the second crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the first arcuate portion and the second end of the second arcuate portion;

(c) the first section of the second elastic comprising additionally a third arcuate portion having a first end connecting at the end of the second angular portion and a second end connecting the back leg edge portion to the second crotch edge portion

(d) the third section of the second elastic comprising additionally a fourth arcuate portion having a first end connecting at the end of the first essentially perpendicular angle portion and a second end connecting the front leg edge portion to the first crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the third arcuate portion and the second end of the fourth arcuate portion.

94. A garment blank subassembly as in Claim 93, the second sections of the first and second elastics being severed in at least one location.

95. A garment blank subassembly as in Claim 69,

(a) the first section of the first elastic comprising additionally a first arcuate portion having a first end connecting at the end of the first angular portion and a second end connecting the back leg edge portion to the first crotch edge portion

(b) the third section of the first elastic comprising additionally a second arcuate portion having a first end connecting at the end of the second essentially perpendicular angle portion and a second end connecting the front leg edge portion to the second crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the first arcuate portion and the second end of the second arcuate portion;

(c) the first section of the second elastic comprising additionally a third arcuate portion having a first end connecting at the end of the second angular portion and a second end connecting the back leg edge portion to the second crotch edge portion

(d) the third section of the second elastic comprising additionally a fourth arcuate portion having a first end connecting at the end of the first essentially perpendicular angle portion and a second end connecting the front leg edge portion to the first crotch edge portion, and wherein the second section of the first elastic extends across the crotch between the second end of the third arcuate portion and the second end of the fourth arcuate portion.

96. A garment blank subassembly as in Claim 95, the second sections of the first and second elastics being severed in at least one location.

97. A garment blank subassembly as in Claim 68, the second sections of the first and second elastics being severed in at least one location.

98. A disposable garment adapted to receive a primary absorbent, the disposable garment comprising:

(a) an outer cover having front and back body portions connected by a crotch portion, the crotch portion, when laid out flat, having a length and a width, the front and

back body portions being connected together to form a waist opening and first and second leg openings; and

(b) an absorbent composite associated with the crotch portion,

the outer cover comprising a first layer, and a first elastic attached to the first layer, first and third sections of the elastic extending along the first and second leg openings, to form puckers about the first and second leg openings at edges thereof, a second section of the elastic extending across the crotch portion in a substantially relaxed state, such that the width of the crotch portion in the disposable garment corresponds generally to the width of the crotch portion when the crotch portion is laid out flat.

99. A disposable garment as in Claim 98, comprising additionally a second layer, the second layer having first and second surfaces, the elastic being disposed on the first surface of the second layer and the absorbent composite being disposed on the second surface of the second layer.

100. A disposable garment as in Claim 99, the second layer having first and second surfaces, the first and second sections of the first elastic being separated from the absorbent composite by the second layer.

101. A disposable garment as in Claim 99, the second section of the first elastic being disposed between the first and second layers.

102. A disposable garment as in Claim 99, the second layer comprising a body side liner having a front layer element attached to the front portion of the first layer, and a back layer element attached to the back portion of the first layer, and including an unsecured space between the front layer element and the back layer element.

103. A disposable garment as in Claim 102, the second section of the elastic being disposed in the unsecured space between the front and back portions of the first layer.

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10 (a) first and second rolls comprising a nip, for joining
elements of the garment subassemblies;

elements of the garment subassemblies;

(b) first means for feeding a first web comprising a first layer of the garment subassembly into the nip;

15 layer of the garment subassembly into the nip;

(d) an adhesive applicator for placing adhesive on the second web;

(e) a supply of elastic for supplying the elastic for use at the nip and in contact with the adhesive;

(f) a lateral guide, disposed in a lateral position with respect to the second web within one inch of the pin and

20 (f) a lateral guide, disposed in a lateral position with
respect to the second web within one inch of the nip and
adjacent the second web, for receiving the elastic, for
feeding the elastic to the nip between the first and
second webs, and for controlling the lateral position of
the elastic as the elastic enters the nip; and
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30 within two inches of the nip and for driving the lateral guide in a transverse direction across the width of the second web and thereby changing the lateral position of the lateral guide with respect to the web adjacent the nip, and thus causing the elastic to follow a path on the

second web corresponding to edges of the leg openings, in registration with advance of the respective ones of the series of garment subassemblies.

105. Apparatus as in Claim 104, the lateral guide being positioned to direct the elastic onto the adhesive on the second web before the elastic enters the nip.

106. Apparatus as in Claim 104, the lateral guide being disposed within one inch of the nip.

107. Apparatus as in Claim 106, the lateral guide being disposed within one inch of the nip.

108. Apparatus as in Claim 104 and including a cutter for cutting the leg openings, and thereby creating the edges of the leg openings which correspond in registration with the lateral positions of the elastic, such that the elastic follows a path on the subassembly parallel to the leg openings across the transverse dimension of the garment subassembly to a locus at least adjacent the crotch.

109. A method of placing and securing an elastic between first and second layers of a continuous web in producing a series of garment-type assemblies, each garment-type assembly having at least one opening, the method comprising the steps of:

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- 5 (a) feeding a first web comprising a first layer of the garment-type assembly into a nip;
- (b) feeding a second web comprising a second layer of the garment-type assembly into the nip;
- (c) applying adhesive on the second web ahead of the nip;
- 10 (d) supplying elastic for use at the nip and in contact with the adhesive;
- (e) feeding the elastic to a lateral guide, disposed in a

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lateral position with respect to the second web within two inches of the nip and adjacent the second web, and thus receiving the elastic, and feeding the elastic to the nip between the first and second webs, and controlling the lateral position of the elastic as the elastic enters the nip; and

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(f) maintaining the lateral guide within two inches of the nip, and driving the lateral guide in a transverse direction across the width of the second web and thereby changing the lateral position of the lateral guide with respect to the web adjacent the nip, and thus causing the elastic to follow a path corresponding to an edge of the opening, in registration with advance of the respective ones of the series of garment-type assemblies.

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110. A method as in Claim 109 and including directing the elastic onto the adhesive on the second web before the elastic enters the nip.

111. A method as in Claim 109 and including disposing the lateral guide within one inch of the nip.

112. A method as in Claim 110 and including disposing the lateral guide within one inch of the nip.

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113. A method as in Claim 109 and including cutting the opening, and thereby creating the edge of the opening which corresponds in registration with the lateral positions of the elastic, such that the elastic follows a path generally parallel to the opening across the transverse dimension of the garment-type assembly.